PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
X 16331 International application No.	International filing date (day/month	n/year) (Earliest) Priority Date (day/month/year)
PCT/US2004/022312	09/08/2004	12/08/2003
Applicant		
ELI LILLY AND COMPANY		
This international Search Report has bee according to Article 18. A copy is being to	n prepared by this International Searc ansmitted to the International Bureau	ching Authority and is transmitted to the applicant
This international Search Report consists It is also accompanied by	of a total of she a copy of each prior art document cli	
Basis of the report a. With regard to the language, the language in which it was filed, unit	international search was carried out of less otherwise indicated under this ite	on the basis of the International application in the em.
this Authority (Ru	le 23.1(b)).	of a translation of the International application furnished to
		disclosed in the International application, see Box No. I.
	nd unsearchable (See Box II).	
3. Unity of invention is lac	king (see Box III).	
4. With regard to the title,		·
X the text is approved as su		
the text has been establis	hed by this Authority to read as follow	ws.
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5. With regard to the abstract,		
5. With regard to the abstract, the text is approved as su	bmitted by the applicant.	
the text has been establis	hed, according to Rule 38.2(b), by th	nis Authority as it appears in Box No. IV. The applicant
may, within one month fro	m the date of mailing of this internati	ional search report, submit comments to this Authority.
6. With regards to the drawings,		
a. the figure of the drawings to be p	ublished with the abstract is Figure N	No
x as suggested by t		
as selected by this	s Authority, because the applicant fai	iled to suggest a figure.
	s Authority, because this figure better	or characterizes the invention.
b. none of the figures is to be	e published with the abstract.	

International application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A medication dispensing apparatus that provides a mechanical advantage. During dose preparing, a nut rotating element (410) and a screw element (368) are in a first axial arrangement such that a screwing motion of the nut rotating element and screw element relative to the apparatus housing that moves the elements a first axial distance from a home position screws a nut (364) along a drive member threaded shaft (362) a second axial distance different than the first axial distance. During dose dispensing, the nut rotating element and the screw element are in a second axial arrangement, whereby a screwing motion of the screw element relative to the housing back toward the home position advances a plunger (366) in the distal direction to axially advance the nut and thereby the drive member and a fluid container piston to dispense medicine.

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61M5/315 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages WO 01/95959 A (NOVO NORDISK AS) 1-12, X 20 December 2001 (2001-12-20) 15-22 cited in the application page 5, line 5 - page 7, line 32; figures 13,14 Α 1-12. WO 99/38554 A (NOVO NORDISK AS) X 15-22 5 August 1999 (1999-08-05) 13,14 page 12, line 21 - page 18, line 2; Α figures 11-17 EP 0 937 471 A (BECTON DICKINSON CO) 1-12,X 15-22 25 August 1999 (1999-08-25) 13,14 paragraph '0012! - paragraph '0016!; figures 1-6 Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the A document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an invention step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the International search Date of malling of the international search report 18/10/2004 12 October 2004 Authorized officer Name and malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Björklund, A Fax: (+31-70) 340-3016

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